

## Magnetically compatible electrochemical cell

Patent Number: EP0980105  
Publication date: 2000-02-16  
Inventor(s): TAKEUCHI ESTHER S (US)  
Applicant(s): GREATBATCH W LTD (US)  
Requested Patent: ☐ EP0980105  
Application Number: EP19990306342 19990811  
Priority Number(s): US19980132634 19980811  
IPC Classification: H01M2/02; H01M10/40  
EC Classification: H01M2/02E, H01M10/40  
Equivalents: ☐ JP2000058132  
Cited Documents: EP0840389; WO9741608; EP0856490; JP10208704

---

### Abstract

---

An electrochemical cell that is useful in the vicinity of the strong magnetic fields of a magnetic resonance imaging machine is described. The cell can be a primary or a secondary system having lithium as an anode active material. A preferred couple is Li/CFx housed in a titanium casing with a titanium internal cell components.

---

Data supplied from the esp@cenet database - I2

**Bibliographic Information**

**Secondary nonaqueous electrolyte batteries containing magnetic additives.** Yamazaki, Kanya; Noma, Toshiyuki; Nishio, Akiji. (Sanyo Electric Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho (1998), 6 pp. CODEN: JKXXAF JP 10106577 A2 19980424 Heisei. Patent written in Japanese. Application: JP 96-256315 19960927. CAN 128:272815 AN 1998:250880 CAPLUS (Copyright 2002 ACS)

**Patent Family Information**

<u>Patent No.</u>	<u>Kind</u>	<u>Date</u>	<u>Application No.</u>	<u>Date</u>
JP 10106577	A2	19980424	JP 1996-256315	19960927

**Abstract**

The batteries use electrodes contg. a magnetic additive in their active mass layers. The additives may be ferrite or samarium magnets, the anodes are carbonaceous anodes, and the cathodes are Li contg. Fe, Mn, and/or Co oxide.